

1217142-1 ✓ ACTIVE



SHUR-PLUG 180

TE Internal #: 1217142-1

Crimp Wire Pins, Tabs & Ferrules, Shur-Plug, Pin Diameter 4.57 mm [.18 in], 12 – 8 AWG Wire Size, 2.64 – 3.32 mm² Wire Size, SHUR-PLUG 180

[View on TE.com >](#)

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Pin, Tab & Ferrule Terminal Type: **Shur-Plug**

Pin Diameter: **4.57 mm [.18 in]**

Wire Size: **6529 – 16507 CMA**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

Crimp Wire Pin, Tab & Ferrule Terminal Type	Shur-Plug
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Barrel Type	Open
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Terminal Plating Material	Tin
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Terminal Orientation	Straight
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Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Pin Diameter	4.57 mm [.18 in]
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Wire Size	6529 – 16507 CMA
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Barrel Inside Diameter	3.3 mm [.13 in]
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Terminal Material Thickness	.76 mm [.03 in]
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Overall Product Length	39.5 mm[1.56 in]
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Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Heavy Duty	No
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Packaging Features

Packaging Quantity	2000
Packaging Method	Reel

Other

Comment	Can be molded.
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 41854
PIN 093 (2.36 MM) REC 22-18 AWG TPBR



TE Part # 61013-2
PIN .109 (2.77 MM) 18-14 AWG TPBR



TE Part # 61012-3
PIN .109 RECEPTACLE 18-14 AWG TPBR



TE Part # 140712-2
PIN .155 DIA REC 18-14 AWG TPBR



TE Part # 1742350-1
PIN 2.08 DIA 22-18AWG TPBR



TE Part # 153209-2
SHUR PLUG .18 DIA REC 18-16 AWG TPBR



TE Part # 40652
PIN 119 (3.02 MM)REC 20-18 AWG BR



TE Part # 150557
SHUR PLUG



TE Part # 150558-3
SHUR PLUG

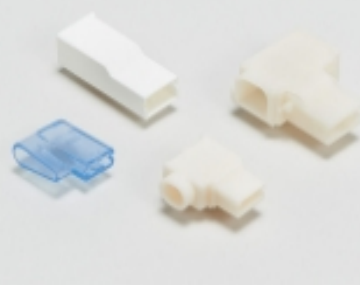


TE Part # 150656-1
SHUR PLUG .156 DIA REC 20-16 AWG PB



TE Part # 140670
SHUR PLUG TIN PLATED AWG 14 18 PB


Also in the Series | SHUR-PLUG 180



Crimp Terminal Housings(6)

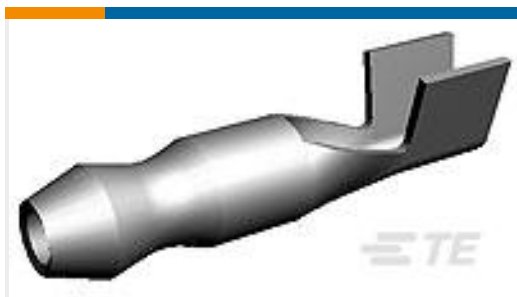


Crimp Wire Pins, Tabs & Ferrules(37)



Special Purpose Terminals(1)

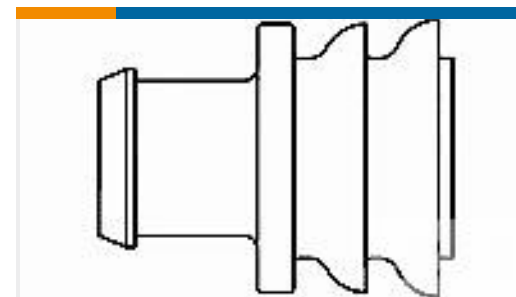
Customers Also Bought



TE Part #42865-3
SHUR PLUG 180 REVERSE REEL 14-10AWG TPBR



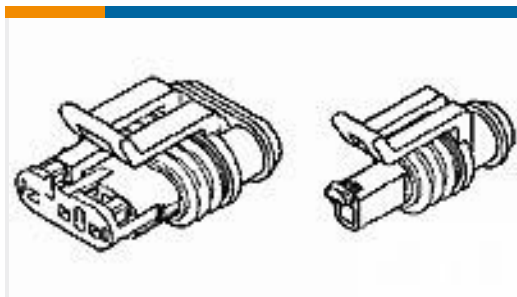
TE Part #42868-2
SHUR PLUG 180 RECEPTACLE 14-10 AWG TPBR



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #61802-1
SHUR PLUG .156 18-14 AWG PTPBR



TE Part #282087-1
AMP SUPERSEAL 1.5 SERIES 3P PL



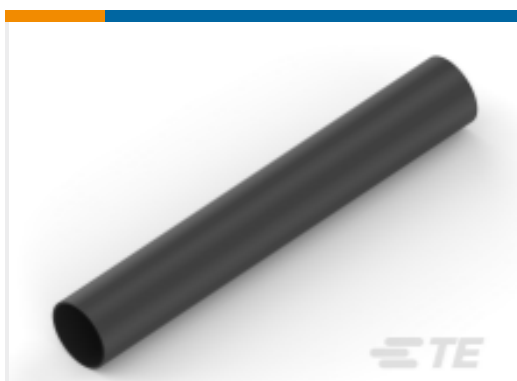
TE Part #282109-1
AMP SUPERSEAL 1.5MM, RECEPTACLE AND TAB



TE Part #60991-1
110 FASTON FLAG REC 22-16 AWG BR



TE Part #62474-1
110 FASTON REC 18-14 AWG TPBR



TE Part #NB20034001
VERSAFIT-1/4-0-SP

Documents

Product Drawings

[SHUR PLUG 180 12-8 AWG TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1217142-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1217142-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1217142-1_E.3d_stp.zip](#)

English

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Product Specifications

1217142-1

Crimp Wire Pins, Tabs & Ferrules, Shur-Plug, Pin Diameter 4.57 mm [.18 in], 12 – 8 AWG Wire Size, 2.64 – 3.32 mm² Wire Size, SHUR-PLUG 180



Product Specification

English